



Can I bring dreams to life with quality & versatility?

They've been dreaming about the wedding day for months. Every detail has been planned. It goes perfectly. Bride and groom look radiant and the guests enjoy themselves. You can bring back those special moments in a top-quality video recording.

SUPERB QUALITY

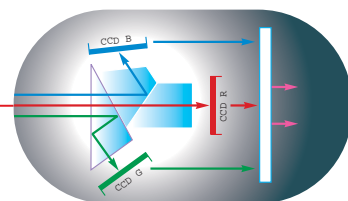
The Canon XM2 Digital Camcorder combines the best of all worlds. Its advanced technology delivers unrivalled image quality in its class, while it is still easy to operate. That makes it an ideal choice for both serious camcorder enthusiasts, professional videographers and filmmakers. Whether you're regularly providing broadcast or web content, making educational videos or recording an event like a wedding, the XM2's high performance will make your work more enjoyable and the result more satisfying.

INSPIRATIONAL VERSATILITY

No two video shoots are alike. What's happening, where it's happening, movement, colour – it all demands a certain amount of fine-tuning to capture the special moments you want. The XM2 features adjustments and enhancements for sound and picture for your personal creativity. Plus a LCD screen for easy viewing.

NEW GENERATION 3CCD

The Canon 3CCD system separates light entering the camcorder into red, blue and green, making colour reproduction cleaner and sharper. The new high-sensitivity 3CCD with 470,000 pixels provides 540 lines horizontal resolution.



3CCD unit
Guarantees
outstanding detail
and high performance.



Fluorite lens
For sharp images
and perfect colour
reproduction.

Positioning the green CCD out of line (pixel shift) sharpens image reproduction even if your subject moves. A new Super Pixel Shift (horizontal + vertical) achieves wider dynamic range for movies, reducing vertical smear and gives 1.7 mega-pixel high resolution photos.

PROFESSIONAL FLUORITE LENS
Canon has always led the way in optical development. The first to equip a camcorder with a fluorite lens – a lens that provides the quality of 35mm and broadcast TV. The XM2 has a Professional L-Series fluorite lens. Combined with 20x optical zoom and 100x digital zoom, plus an optical image stabiliser, you can be sure of superior images.



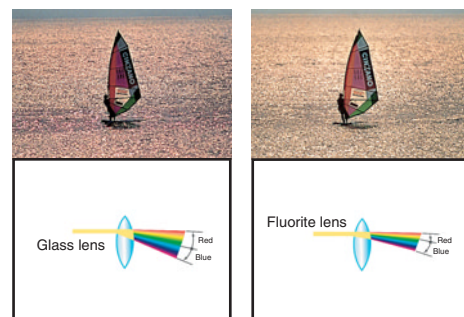
YOU CAN
WITH THE XM2



QUALITY
YOU CAN SEE

TRUE-TO-LIFE COLOUR

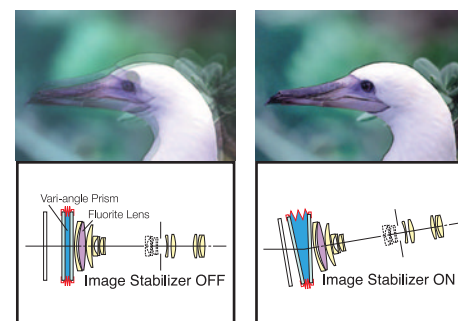
Fluorite is a synthetic crystalline substance with the ability to collect light at a single point. It bypasses the limitations posed by normal glass. The resulting image is extremely sharp. A zoom lens is an essential feature on a



camcorder. But the downside of a normal zoom lens can be colour aberrations. The fluorite technology used in the XM2 L-Series lens eliminates almost all colour deviation. This and the new 3CCD system give viewers the pleasure of colours that are much truer to life.

OPTICAL IMAGE STABILIZER

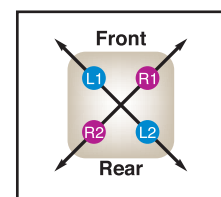
We know how difficult it can be to keep a camera still. So the XM2 is fitted with an Optical Image Stabiliser (rather than Electronic Stabilisation which can reduce image quality). Its vari-angle prism reacts



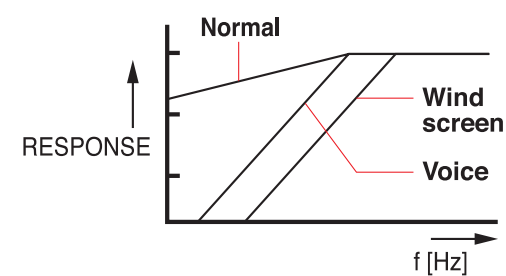
to a sensor and bends the light rays, so the image reaching the CCDs remains steady.

SOUNDS GOOD

Some camcorder recordings have great pictures but the sound lets them down. For a fuller, richer, stereo sound, the XM2 has a 'direction accurate' microphone. This contains two pairs of pick-up elements, each for left and right, giving accurate stereo ambience and less mechanical background noise. Also, you



can change the microphone frequency characteristics to match the recording condition (normal,



Optional MA-300
adapter with 2-channel
XLR terminals.

voice and windscreen). For high-quality PCM digital sound recording, an MA-300 microphone adapter is available.

AUDIO LEVEL CONTROL

Another sound-improving feature on the XM2 is the 2-channel manual audio level control. A special dial allows you to set the L/R level to exactly the balance you want for 2 channels. An easy-to-find audio level meter on the camcorder body, on the LCD and EVF screen shows the left and right 24 segment peaks.



QUALITY
YOU CAN HEAR



Canon Digital Camcorder XM2 Specifications

Mini DV

Camera

SHOOTING FUNCTIONS MOTION VIDEO STILL IMAGE	Mini DV tape Mini DV tape (Photo), memory card (Progressive Photo)
IMAGE SENSING DEVICE IMAGE SIZE TOTAL NUMBER OF PIXELS (PER CCD)	1/4 inch 3CCD Total pixels: 470,000 Effective pixels: 440,000
SYSTEM	3-plate Pixel shift (horizontal, vertical) RGB independent primary color filter (dichroic prism)
FILTER	
LENS OPTICAL ZOOM MAGNIFICATION DIGITAL ZOOM MAGNIFICATION FOCAL LENGTH (OPTICAL ZOOM) (35 MM EQUIVALENT) F-NUMBER APERTURE LEAVES Yes (Transmittance: Approx. ZOOM SPEED: 10% with 3 aperture) HandleZoom: 3-level adjustable (H/M/L) Grip zoom: Variable H/M/L 58mm P0.75	20x (12 elements in 10 groups with one fluorite lens and two aspheric lenses) 40x, 100x (Card mode: None) 4.2-84 mm 39.5-790 mm With tape: F1.6-2.8 With memory card: F2.0-2.8 Iris diaphragm (5 leaves) ND FILTER 10% with 3 aperture) HandleZoom: 3-level adjustable (H/M/L) Grip zoom: Variable H/M/L 58mm P0.75
MINIMUM ILLUMINATION IMAGE STABILIZATION	0.37 Lux (Slow shutter 1/6 second) Optical system (double-driving VAP)
DIMENSIONS (WXHXD) WEIGHT	118x136x306mm 1120g

IMAGE QUALITY ADJUSTMENT COLOR GAIN ADJUSTMENT HUE ADJUSTMENT SHARPNESS ADJUSTMENT SETUP ADJUSTMENT		Yes (Custom preset) Yes (Custom preset) Yes (Custom preset) Yes (Custom preset)
WHITE BALANCE AUTO SET PRESET SYSTEMS	Yes Yes (1) Outdoor, indoor TTL, 80 segments	
FOCUS MODE MANUAL FOCUS	AF/MF Focus ring operation	
16:9 RECORDING SYSTEM AREA MARKER DISPLAY	Vertical stretching Area marker displayed for 16:9 in EVF 4:3 screen	
SHOOTING EFFECTS DIGITAL EFFECTS DIGITAL FADE	Black and White, Sepia, Art, Strobe, Mirror, Mosaic, Tracer (tape) Black auto fade, wipe, overlap (tape)	
ZEBRA PATTERN	Variable level: 80% 85% 90% 95% 100%	
MOTION VIDEO SHOOTING TAPE CLEAR SCAN	Normal/Frame (simulated frame process using pixel shift) Tv mode, Manual mode: 50.3-200 Hz	
STILL IMAGE SHOOTING MODE: TAPE MODE: CARD SINGLE PICTURES: TAPE PHOTO BUTTONS: FORM PHOTO BUTTONS: PRESSED HALFWAY DOWN STILL IMAGE CONFIRM FLASH COMPATIBILITY RECORDED VIDEO FRAME PROCESSING	Normal (field image) Progressive (iris shutter) 6.5 seconds Dedicated still image button (tape, card) Yes (only during recording standby) Yes (Card only) Yes 220EX, 420EX, 550EX Frame image (video output is field image) Simulated frame (horizontal and vertical pixel shift)	
WIDE SHOOTING (VERTICAL EXTENSION) TAPE	Yes	
INTERVAL TIMER	Yes, (Interval time: 4 modes, Recording time: 4 modes) 10 sec./Remote controller: 2 sec.	
SELF-TIMER REC SEARCH REC REVIEW STANDBY SWITCH POWER SAVE (AFTER FIVE MINUTES IN RECORDING PAUSE) DISPLAYED TEXT RECORDING	Yes Yes Yes Yes Power shutoff/VCR (drum) stop Yes	

Audio

AUDIO	16-bit 2-channel (48 kHz) 12-bit 4-channel (32 kHz) Yes (Microphone F characteristics: Normal/ Voice/ Wind Screen)
WIND SCREEN	
RECORDING LEVEL ADJUSTMENT	Yes: Auto, manual (L/R controls with level adjustment dials) Yes: EVF, inside LCD monitor, LCD information display
LEVEL METER	

LCD

MONITOR LCD SIZE PIXELS BRIGHTNESS ADJUSTMENT MOVABLE	2.5-inch 200,000 Yes Yes
EVF SIZE PIXELS BRIGHTNESS ADJUSTMENT MOVABLE	0.44-inch (TFT color) 180,000 Yes (Menu adjustment) Downward 68° up to horizontal

VCR

SEARCH PHOTO SEARCH DATE SEARCH INDEX SEARCH	Yes Yes Yes
DATA CODE DISPLAY	Time and date display, camera information
AUDIO DUBBING AV INSERT ZERO SET MEMORY	Yes Yes Yes

System

INTERFACE (TERMINAL) MICROPHONE INPUT HEADPHONE OUTPUT DV TERMINAL S TERMINAL AV TERMINAL EDITING TERMINALS USB PORT	Yes Yes Yes (In/Out) Yes (In/Out) 23.5 mm (In/Out) LANC terminal mini-B/ Complies with mass storage class 1.0
MEMORY CARD CARD STILL IMAGE RECORDING: IMAGE SIZE & QUALITY	SD memory card and MultiMedia card 1488 x 1128 pixels; Fine 860 KB, Standard 580 KB 640 x 480 pixels; Fine 125 KB, Standard 65 KB Yes (Record review button operation)
CARD REVIEW STILL IMAGE PLAYBACK: SLIDESHOW CARD JUMP TITLE IMAGE: CREATION TITLE SIZE TITLE MIX	Yes Yes Yes Camera shooting 640 x 480 pixels Yes (Color selection (full color, +8 color), mixed level variation)
COLOR BAR ANALOGUE-DIGITAL CONVERTER WORLD CLOCK SPEAKER CONFIRMATION BEEP TALLY LIGHT REMOTE CONTROL CODE ACCESSORY SHOE	Yes, EBU color bar Yes Yes Yes Yes 1, 2, off Yes (compatible with advanced shoe and EX flashes)
RECORDING MODES LP	Yes
CUSTOM KEYS DV CONTROL	Yes (1 key) Yes (Allowed only during Camera mode)
BACKUP POWER BATTERY PACK POWER 900	Lithium button battery (CR2025) series rechargeable lithium ion battery

3CCD	PIXEL SHIFT	OPTICAL IMAGE STABILIZER	Fluorite L-Series Lens	17 MEGA PIXELS STILL IMAGE	PHOTO EFFECT	PROGRESSIVE PHOTO	Multi Media SD	2.5" (6.4cm) LCD	Program AE	Digital Effect
4 TYPES Picture Adjustment	Direction Accurate Microphone	MANUAL Audio Rec Level Control	Audio Dubbing	ADVANCED ACCESSORY SHOE	DV Terminal (IEEE1394)	USB UNIVERSAL SERIAL BUS	Analog Analog	ANALOG-DIGITAL CONVERTER	7 hour recording time (approx.)	Exif Print

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you can
Canon

Digital Camcorder
XM2

Can I bring dreams to life
with quality & versatility?





1. Audio REC level switch (auto or manual)
2. Program selector
3. Audio rec. left level dial
4. Audio rec. right level dial
5. MENU button
6. SELECT dial



7. Focus A/M button
8. Digital effects bars ON/OFF button
9. ND filter ON/OFF button
10. Digital effects/bars select button



11. White balance select button
12. White balance set button
13. Custom key button
14. Custom preset



GETTING IT JUST RIGHT

Although the XM2 is fully automatic, you can also take complete control and do it your own way. The camcorder has many of the manual adjustments you will find on professional models. Some examples:

- Colour Phase, to adjust between red and green, and Colour Gain, to choose depth of colour or shoot in black and white.
- Camera Sharpness, to soften the subject and clarify the detail.
- Zebra Pattern, to indicate overexposure in a portion of the picture
- Interval Timer, to record at selected times for filming natural phenomena like sunsets.



If you need to record a CRT monitor, the Clear Scan feature allows you to do so without rolling black bars. But your favourite button will probably be the Custom Key. Assign functions you use frequently to this key, and you can customise your camcorder to your shooting preferences.

MAKING LIFE EASIER

The more features a camcorder has, the better it is. The XM2 has a whole range: time and data codes, shutter speed, power save, index recording ... too many to list here.

DIFFERENT SHOOTING MODES

The XM2 has 3 modes to suit your recording needs.

- Normal Movie Mode for video playback on TV or a video editing computer.
- Digital Photo Mode for high resolution still images.
- Frame Movie Mode for perfect quality prints and video for websites.

DRAMATIC CLOSE-UPS

She's way off in the distance, but you've spotted her. The XM2 20x optical zoom lens can bring her right up close. 20x optical zoom is the 35mm focal length equivalent of 39.5mm to 790mm. The XM2's maximum digital zoom is 100x. Magnification that can make all the difference.



CONNECTIVITY



The XM2 can control HDD equipment with IEEE 1394 interface and AV/C protocol for simultaneous recording.



A single cable connection to transfer images between the camcorder, PC and printer.



The SD Memory Card can capture high quality digital still images as JPEG files to transfer into a PC for advanced editing. Also an easy way to add a title to your recording with the Title Mix.

KIT COMPONENTS



DM-XM2 Body - Large Eye Cup - WL-D77 A Wireless Controller - STV-250N Stereo Video Cable - S-150 S-VIDEO Cable - IFC-300PCU Interface Cable - SS-650 Shoulder Strap - CA-920 Compact Power Adapter - AC Cable - DC-920 DC Coupler - BP-915 Battery Pack - SDC-8M SD Memory Card - PC-A10 Scart Adapter - Digital Video Solution Disk Ver.3.0

OPTIONAL ACCESSORIES



Battery Pack
BP-915, 930, 945



System Case
HC-4100



Video Light
VL-10Li, VL-3



Speedlite
220, 420, 550 EX



MiniDV Head Cleaning Cassette
DVM-CL



Mini Digital Video Cassette
60 and 80 minutes



Dual battery charger/holder
CH-910



Wide Converter
WD-58



Car Battery Adapter
CB-920



Microphone Adapter
MA-300



Zoom Remote
ZR-1000



Directional Stereo Microphone
DM-50

YOU CAN SCREEN
THE RESULT